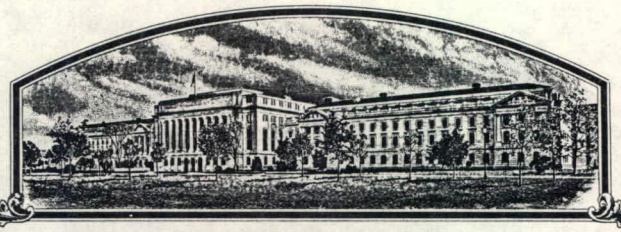
No. 8300179



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

International Seeds Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT TY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT T. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PERENNIAL RYEGRASS

'Gator'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 31st day of August in the year of our Lord one thousand nine hundred and eighty-four.

Attest:

Kenneth A. Evans
Commissioner
Plant Variety Protection Office
Livestock, Meat, Grain & Seed Div.
Agricultural Marketing Service

John R Block
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

FORM APPROVED: OMB NO. 0581-0005

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1. NAME OF APPLICANT(S)
INTERNATIONAL SEEDS INC.

2. TEMPORARY DESIGNATION
ISI.812
R39A

3. VARIETY NAME
Gator

4. ADDRESS *(Street and No. or R.F.D. No., City, State, and Zip Code)*
P.O. Box 168
Halsey, OR 97348

5. PHONE *(Include area code)*
(503) 369-2251

FOR OFFICIAL USE ONLY

PVPO NUMBER
8300179

6. GENUS AND SPECIES NAME
Lolium perenne

7. FAMILY NAME *(Botanical)*
Gramineae

FILING
DATE
9/28/83
TIME
2:30 ☐ A.M. ☒ P.M.

8. KIND NAME
Perennial ryegrass

9. DATE OF DETERMINATION
Sept. 1981

FEES RECEIVED
AMOUNT FOR FILING
$ 1,000
DATE
9/28/83
AMOUNT FOR CERTIFICATE
$ 500.00
DATE
7/6/84

10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION *(Corporation, partnership, association, etc.)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Oregon

12. DATE OF INCORPORATION

13. NAME AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Dr. Kevin McVeigh
International Seeds Inc.
P.O. Box 168
Halsey, OR 97348

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED

a. ☒ Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*

b. ☒ Exhibit B, Novelty Statement

c. ☒ Exhibit C, Objective Description of the Variety *(Request form from Plant Variety Protection Office.)*

d. ☐ Exhibit D, Additional Description of the Variety

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act.)*
☐ Yes *(If "Yes," answer items 16 and 17 below)* ☒ No

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☒ Yes ☐ No

17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☒ Foundation ☒ Registered ☒ Certified

18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?
☐ Yes *(If "Yes," give names of countries and dates)*
☒ No

19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?
☐ Yes *(If "Yes," give names of countries and dates)*
☒ No

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT
Gerard W. Pepin
DATE
9-6-83

SIGNATURE OF APPLICANT
Gerard W. Pepin
DATE

FORM LMGS-470 (9-81) (Edition of 1-78 is obsolete)

INSTRUCTIONS

General: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and $500 fee (*$250 filing fee and $250 examination fee*) to U.S. Department of Agriculture, Agricultural Marketing Service, Livestock, Meat, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. *(See section 180.175 of the Regulations and Rules of Practice.)* Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

Item

9 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.

14a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.

14b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.

14c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.

14d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.

15 If "Yes" is specified *(seed of this variety be sold by variety name only as a class of certified seed)* the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "No," he may change his choice. *(See section 180.16 of the Regulations and Rules of Practice.)*

16 See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

EXHIBIT A

ORIGIN AND BREEDING HISTORY OF "GATOR"

Gator is an advanced generation synthetic cultivar selected from the progenies of 56 clones. Eighteen plants selected from Loretta perennial ryegrass were used as female parents of the 56 clones used in development of Gator. Selection was based on seedling resistance to crown rust and attractive appearance in spaced-plant nurseries. The pollen parents of the clones used in the development of Gator were selected from breeding composites designated H74-412, H75-969, H75-1076, and AW. Plants collected from old turfs in Maryland, New Jersey, New York, and Pennsylvania were the original source of the germplasm used in the development of these breeding composites. Two cycles of recurrent restricted phenotypic selection for disease resistance, stress tolerance, attractive appearance, mowing quality, and turf performance were used in the development of the four breeding composites. The selection of the 56 parental clones of Gator involved the screening of over 30,000 seedlings for crown rust resistance, the evaluation of over 10,000 clones in spaced-plant nurseries, and the study of 648 single plant progenies in seeded turf trials. Progenies of the 56 parental clones of Gator were subjected to interplant competition, disease, and environmental stress in closely mowed turf plots. A total of 6,100 tillers were selected from these turf plots and transferred to an isolated, spaced-plant nursery at Adelphia, New Jersey. Selection within this nursery was based on freedom from disease, a bright dark green color, soft leaves, attractive appearance, and uniform maturity. Nearly 50 percent of the plants failed to meet

these standards and were removed prior to anthesis. Bulked seed harvested from the Adelphia nursery was subsequently used to establish a spaced-plant nursery near Halsey, OR for production of breeder seed. This nursery was also carefully rogued to improve uniformity, disease resistance, appearance, and seed yield potential. The first certified seed was produced in western Oregon in 1983.

No off-type plants or variants have been observed in the reproduction and multiplication of Gator perennial ryegrass.

Gator perennial ryegrass is a uniform and stable variety. Breeder seed and foundation seed generations have produced turf of equal quality and acceptable uniformity. Foundation and certified seed fields are similar in appearance. They are as uniform as would be expected in this species, being similar in uniformity to the standard varieties of turf-type perennial ryegrasses.

EXHIBIT B

NOVELTY STATEMENT OF "GATOR" PERENNIAL RYEGRASS

"Gator" can be distinguished from all other cultivars of perennial ryegrass by the combination of spaced-plants and turf characteristics described in tables 1 to 8.

Gator most closely resembles Yorktown II. It differs significantly from Yorktown II in the following characteristics:

1. Gator is 3 days earlier in date of heading than Yorktown II. (table 1).
2. Gator has much better resistance to crown rust than Yorktown II (table 3).
3. Gator has a significantly smaller seed size than Yorktown II, averaging 151 mg. per thousand seeds compared to 171 mg/1000 seeds for Yorktown II (table 2).

Table 1

AVERAGE HEADING DATE OF RYEGRASS
CULTIVARS AT TANGENT, OREGON IN 1983

Cultivar	Heading Date
Gator	May 19
Yorktown 2	May 22
Pennfine	May 10
Manhattan	May 25
Linn	May 8
Derby	May 12
Citation	May 11
Fiesta	May 12

LSD.05 = 2 days

Table 2

8300179

SEED SIZE OF VARIOUS RYEGRASS CULTIVARS

Cultivar	Seed Size Mg/1000 seeds
Gator	1510
Yorktown 2	1710
Elka	1290
Derby	1550
LSD.05	130

Table 3. Reaction of perennial ryegrass varieties to crown rust at New Brunswick, New Jersey during 1979 and 1980.

Variety	Rust rating 9 = least rust	Variety	Rust rating 9 = least rust
Elka	9.0 a*	Barry	4.5 g-m
Gator	8.5 a-b	Diplomat	4.4 g-n
Loretta	8.5 a-b	Regal	4.4 h-n
Prelude	7.7 a-c	Lp 20	4.2 i-o
Sprinter	7.7 a-c	Clipper	4.2 i-o
Premier	7.4 a-d	Caravelle	3.9 j-o
Fiesta	7.3 a-d	Derby	3.9 j-o
Delray	7.2 a-e	Eton	3.7 j-o
Pennant	6.9 b-f	Yorktown	3.6 k-o
Palmer	6.9 b-f	Omega	3.5 1-o
Birdie	6.5 c-g	Barclay	3.2 1-o
Dasher	6.5 c-g	NK-200	3.0 m-o
Linn	6.1 d-h	Manhattan	2.9 n-o
Acclaim	5.9 d-i	Barcelona	2.5 o
Blazer	5.6 e-j		
Belle	5.6 e-j		
NK-100	5.0 f-k		
Pennfine	4.9 f-1		
Citation	4.9 f-1		
Yorktown II	4.5 g-m		

*Ratings followed by the same letter are not significantly different from each other according to Duncan's multiple range test. p = 0.05

NOT FOR PUBLICATION

Table 4. Seed yield and stem rust of perennial ryegrasses grown near Hubbard, Oregon during 1982.

Variety	Seed yield lbs/Acre	Stem rust rating July 1982 9 = least rust
Manhattan II	1552	9.0
Gator	1452	4.0
Prelude	1411	3.0
Premier	1319	3.5
Citation	1303	2.0
Palmer	1236	2.5
Pennant	1211	3.5
Pennfine	1120	2.0
Yorktown II	1074	3.0
Manhattan	962	3.5
LSD 0.05		1.1

Table 5. NOT FOR PUBLICATION

Characteristics of 28 perennial ryegrass varieties for turf use in New Jersey

Variety	Turf Performance in New Jersey	Color	Leaf texture	Density	Vertical leaf elongation rate	Tolerance of close mowing	Heat tolerance	Cold tolerance	Resistance to winter brown blight	Resistance to Rhizoctonia brown patch	Resistance to crown rust	Resistance to sod webworms	Resistance to billbugs	Average
Palmer	7.8	7	7	8	8	8	8	6	7	8	7	5	-	7.0
Pennant	6.2	7	6	6	6	7	8	6	6	7	7	8	8	6.8
Manhattan II	7.6	7	7	8	7	8	8	6	7	7	6	4	-	6.7
Prelude	7.5	7	6	8	7	8	7	6	6	7	8	5	4	6.7
Gator	7.6	7	7	8	7	8	7	6	7	7	8	2	-	6.6
Premier	7.3	7	7	8	7	8	7	6	6	7	7	5	4	6.6
All*Star	7.3	7	7	8	7	7	7	6	6	7	6	7	-	6.6
Blazer	7.2	7	7	8	7	8	7	6	7	7	6	2	4	6.4
Delray	5.5	6	6	6	7	7	7	8	3	7	7	2	-	6.4
HR-1	7.4	6	7	7	7	7	7	6	6	7	6	4	4	6.3
Dasher	6.5	6	6	7	7	8	8	6	6	7	7	2	5	6.3
Yorktown II	7.0	7	8	8	7	8	6	7	7	7	5	2	2	6.2
Belle	6.9	7	6	7	7	8	7	6	7	7	6	2	3	6.2
Fiesta	6.7	7	7	7	7	8	7	6	6	7	7	2	3	6.2
Barry	6.4	7	7	7	7	8	7	6	6	7	5	2	5	6.2
Elka	6.6	4	8	8	8	8	7	5	5	5	9	2	-	6.1
Diplomat	6.3	7	7	7	7	8	7	6	7	7	4	2	3	6.0
Regal	6.3	7	6	6	6	7	8	6	4	7	4	3	8	6.0
Omega	6.0	7	6	7	7	7	7	7	7	7	4	2	2	5.9
Loretta	6.1	4	8	8	7	8	6	5	6	5	8	2	2	5.8
Citation	5.9	8	7	6	7	7	8	5	3	7	5	2	2	5.6
Derby	5.9	7	6	6	6	7	7	5	4	7	4	2	2	5.6
Pennfine	5.7	6	6	6	6	7	7	5	3	7	5	2	5	5.4
Manhattan	5.5	6	6	6	6	7	6	7	7	5	3	2	4	5.4
Caravelle	5.2	9	6	6	7	7	3	3	5	4	4	2	2	4.9

Characteristics of 28 perennial ryegrass varieties for turf use in New Jersey

Variety	Turf Performance in New Jersey	Color	Leaf texture	Density	Vertical leaf elongation rate	Tolerance of close mowing	Heat tolerance	Cold tolerance	Resistance to winter brown blight	Resistance to Rhizoctonia brown patch	Resistance to crown rust	Resistance to sod webworms	Resistance to billbugs	Average
Rex	4.8	6	5	5	5	6	5	5	5	4	5	2	3	4.7
Cropper	2.5	4	3	3	3	3	3	4	5	2	8	2	-	3.6
Linn	2.3	4	3	3	3	3	3	3	4	2	6	2	3	3.2

Rating scale = 0 to 9 with highest numbers denoting best performance scores, darkest color, finest texture, lowest rate of vertical growth, best tolerance of close mowing, greatest heat tolerance, best cold tolerance, and best resistance to winter brown blight, Rhizoctonia brown patch, crown rust, sod webworms, and billbugs.

FORM APPROVED: OMB NO. 40-R3712

FORM GR-470-36
(9-76)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

OBJECTIVE DESCRIPTION OF CULTIVARS
RYEGRASS
(Lolium spp.)

NAME OF APPLICANT(S)
INTERNATIONAL SEEDS INC.

VARIETY NAME OR TEMPORARY DESIGNATION
Gator

ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code)
P.O. Box 168
Halsey, OR 97348

FOR OFFICIAL USE ONLY

PVPO NUMBER
8300179

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in first box (e.g. [0][8][9] or [0][9])when number if either 99 or less or 9 or less. Descriptions of characters should represent those that are typical for the variety. Ranges may be given also. Measured data should be for SPACED PLANTS. Give additional description for all characteristics that cannot be adequately described in the form below. Append all pertinent comparative trial and evaluation data.

1. SPECIES:

[2] 1 = L. MULTIFLORUM (annual or Italian: includes Westerwoldicum) 2 = L. PERENNE (perennial) 3 = L. RIGIDUM (includes Wimmera)
4 = HYBRID (of species) _____ 5 = OTHER (Specify) _____

2. PLOIDY:

[1] 1 = DIPLOID 2 = TETRAPLOID 3 = OTHER (Specify) _____

3. DURATION:

[3] 1 = ANNUAL OR BIENNIAL 2 = SHORT LIVED PERENNIAL (3-4 years) 3 = PERENNIAL (more than 4 years)

STANDARD CULTIVARS

1 = GULF 2 = WIMMERA 62 3 = LINN 4 = PELO
5 = NORLEA 6 = ABERYSTWYTH S-23 7 = MANHATTAN 8 = PENNFINE

4. MATURITY (50% HEADED) Use standards from above for comparison:

[5] 1 = VERY EARLY 3 = EARLY 5 = MEDIUM 7 = LATE 9 = VERY LATE

[06] DAYS EARLIER THAN . . . . . [7] STANDARD CULTIVAR
[09] DAYS LATER THAN . . . . . [8] STANDARD CULTIVAR

5. MATURE PLANT HEIGHT (Use standard cultivars from above) :

[031] CM. HIGH [004] CM. SHORTER THAN . . . . . [8] STANDARD CULTIVAR
[---] CM. TALLER THAN . . . . . [ ] STANDARD CULTIVAR

6. PERCENT WINTER DAMAGE (estimated as percent of the area appearing dead). Use standard cultivars from above for comparison:

[ ] PERCENT DAMAGE OF APPLICATION CULTIVAR
[ ] PERCENT DAMAGE OF . . . . . [ ] STANDARD CULTIVAR

7. TURF DENSITY Use standard cultivars from above:

[ ] TILLERS PER 100 SQ. CM.
[ ] LESS TILLERS PER 100 SQ. CM. THAN . . . . [ ] STANDARD CULTIVAR
[ ] MORE TILLERS PER 100 SQ. CM. THAN . . . [ ] STANDARD CULTIVAR

8. FLAG LEAF (at full growth) Use standard cultivars from above:

[114] CM. LENGTH (from ligule to tip) [ ] MM. WIDTH (at widest point)
[005] CM. SHORTER THAN . . . . . [7] STANDARD CULTIVAR
[006] CM. LONGER THAN . . . . . [8] STANDARD CULTIVAR
[ ] MM. NARROWER THAN . . . . . [ ] STANDARD CULTIVAR
[ ] MM. WIDER THAN . . . . . [ ] STANDARD CULTIVAR

[ ] FLAG LEAF AT BOOT STAGE: 1 = DEFLEXED 3 = RECURVED 5 = HORIZONTAL 7 = SEMI-ERECT 9 = ERECT

STANDARD CULTIVARS

1 = GULF 2 = WIMMERA 62 3 = LINN 4 = PELO
5 = NORLEA 6 = ABERYSTWYTH S-23 7 = MANHATTAN 8 = PENNFINE

9. LEAVES:

[3] VERNATION: 1 = LEAVES ROLLED IN YOUNG SHOOTS
2 = LEAVES SEMI-ROLLED (folded with rolled edges)
3 = LEAVES FOLDED IN YOUNG SHOOTS

[0 3 3] % PLANTS WITH ANTHOCYANIN IN LOWER LEAF SHEATH

[3] FOLIAGE COLOR: 1 = YELLOW GREEN 2 = MEDIUM GREEN 3 = BLUE GREEN

10. SPIKE:

[1 8 4] MM. SPIKE LENGTH (tip to internode below lowest floret)

[0 7] MM. SHORTER THAN ..... [7]

[0 2] MM. LONGER THAN ..... [8]

} USE STANDARD CULTIVARS FROM ABOVE

[ ] [ ] [ ] [ ] MG. PER TEN SPIKES (trimmed to internode below lowest floret)

[ ] [ ] [ ] [ ] MG. LIGHTER PER TEN SPIKES THAN ..... [ ]

[ ] [ ] [ ] MG. HEAVIER PER TEN SPIKES THAN ..... [ ]

} USE STANDARD CULTIVARS FROM ABOVE

[ ] [ ] FLORETS PER SPIKELET

PERCENTAGE OF PLANTS WITH:

RACHIS: [ ] [ ] [ ] % SMOOTH [ ] [ ] [ ] % ROUGH

SPIKE COLOR: [ ] [ ] [ ] % GREEN [ ] [ ] [ ] % PURPLE

LEMMA: [ ] [ ] [ ] % AWNED [ ] [ ] [ ] MM. AWN LENGTH

[ ] [ ] MM. GLUME LENGTH

[ ] 1 = SPIKELET LENGTH NEARLY EQUAL TO OUTER GLUMES
2 = SPIKELET LENGTH MUCH LONGER THAN OUTER GLUMES

11. COLEOPTILE:

[ ] [ ] [ ] % PLANTS WITH ANTHOCYANIN IN COLEOPTILE

12. ANTHER COLOR:

[ ] [ ] [ ] % PLANTS WITH WHITE ANTHERS [ ] [ ] [ ] % PLANTS WITH YELLOW ANTHERS

[ ] [ ] [ ] % PLANTS WITH PURPLE ANTHERS

13. ROOT AND PLANT CHARACTERS:

[ ] [ ] [ ] % PLANTS WITH PROSTRATE GROWTH HABIT [0 0 0] % PLANTS WITH FLUROESCENT ROOTS

[ ] [ ] [ ] % PLANTS WITH UPRIGHT GROWTH HABIT

14. SEED:

[1 5 1] MG. PER 1,000 SEED [ ] [ ] [ ] MM. TOTAL LENGTH OF 10 SEEDS [ ] [ ] [ ] MM. TOTAL WIDTH OF TEN SEEDS

15. DISEASE (0 = NOT TESTED, 2 = HIGHLY SUSCEPTIBLE, 4 = MODERATELY SUSCEPTIBLE, 6 = MODERATELY RESISTANT, 8 = HIGHLY RESISTANT):

8	CROWN RUST (Puccinia coronata)		DOLLAR SPOT (Sclerotinia)	7	BROWN PATCH (Rhizoctonia)
8	LEAF SPOT (Helminthosporium)		MILDEW		OTHER *(Specify)*
	SNOW MOLD (Typhula)		RED THREAD (Corticium)		

16. INSECT (0 = NOT TESTED, 2 = HIGHLY SUSCEPTIBLE, 4 = MODERATELY SUSCEPTIBLE, 6 = MODERATELY RESISTANT, 8 = HIGHLY RESISTANT):

3 *(Specify)* Sod Webworm

17. GIVE RESEMBLANCE VALUE IN LEFT COLUMN AND VARIETY CODE NUMBER IN RIGHT COLUMN FOR VARIETY WITH WHICH COMPARISON IS MADE (1 = LESS THAN, 2 = SAME AS, 3 = MORE ERECT, MORE RESISTANT, DENSER, MORE PERSISTENT, DARKER OR GREATER HEIGHT.):

RESEMBLANCE	CHARACTER	SIMILAR VARIETY	
2	PLANT HABIT (erectness)	7	1 = GULF
2	TILLERING	7	2 = WIMMERA 62
1	WINTER HARDINESS	7	3 = LINN
3	HIGH TEMP. STRESS RESISTANCE	7	4 = PELO
2	TURF PERSISTENCE	7	5 = NORLEA
3	PLANT COLOR	7	6 = ABERYSTWYTH S-23
1	VERTICAL SEEDLING GROWTH RATE	7	7 = MANHATTAN
3	CROWN DENSITY	7	8 = PENNFINE
3	MOWER SHREDDING RESISTANCE	7	

18. GIVE AREA OF ADAPTATION AND INTENDED USE: _____

19. GIVE AREA TEST RESULTS PRESENTED FROM: _____

COMMENTS: